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Fig. 1A

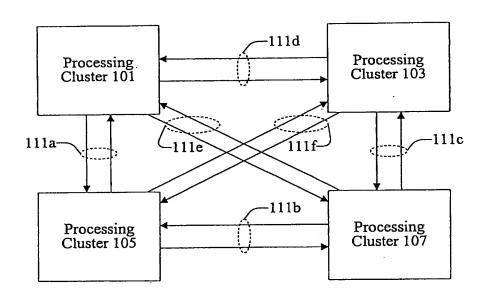
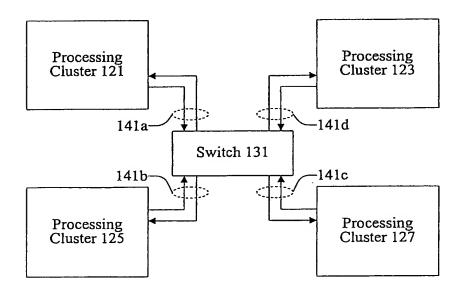
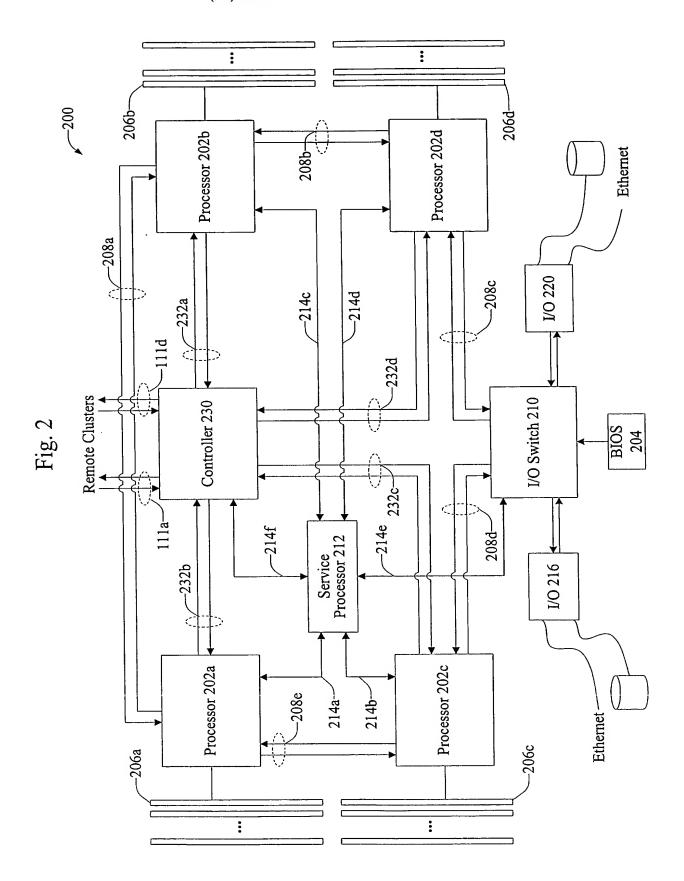


Fig. 1B



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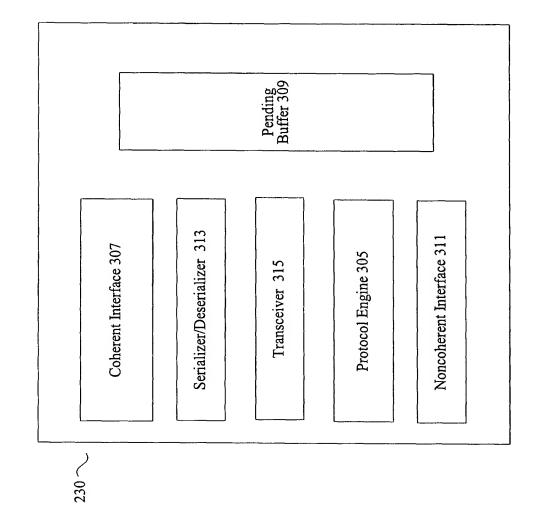


Fig. 3

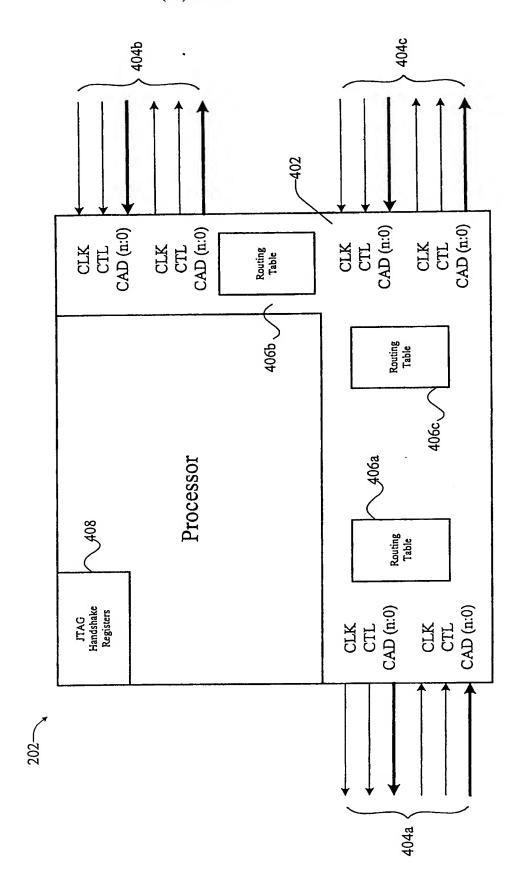


Fig. 4

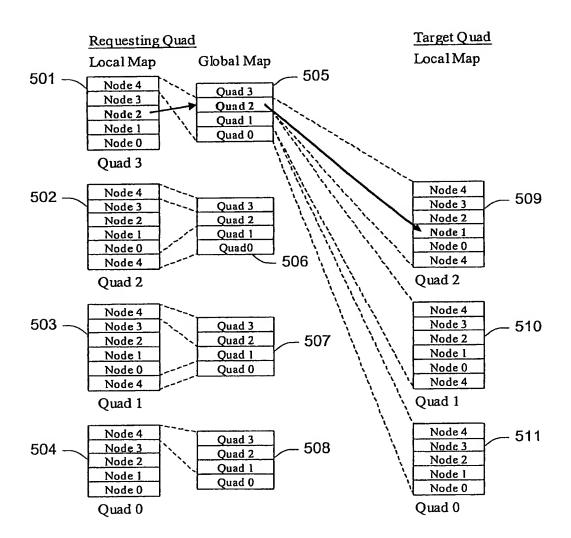
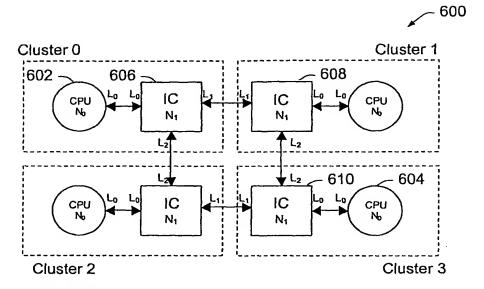


Fig. 5



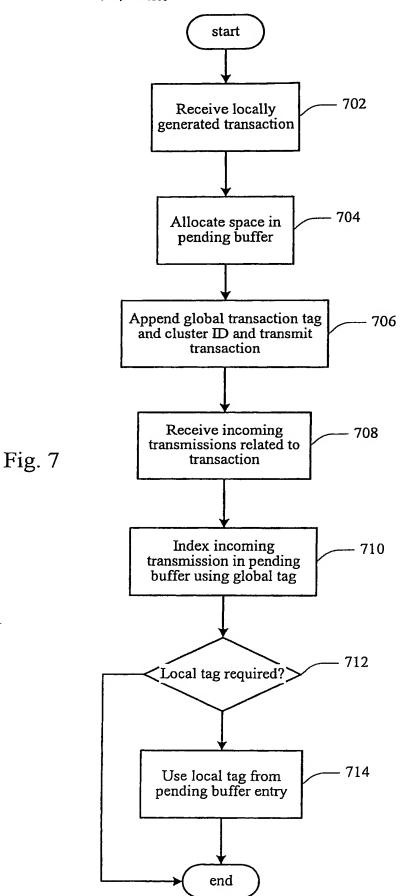
L# - Link number N# - Node number

Fig. 6A

		Loca	l Table	Global Table			
		Des	t Node		Dest (	Cluster	
Sou	irce	N <sub>0</sub>	N <sub>1</sub>	C <sub>0</sub>	Cı	C <sub>2</sub>	C <sub>3</sub>
Cluster 0	Node 0	Х	Lo	NA	NA	NA	NA
	Node 1	Lo	X	X	Lı	L <sub>2</sub>	$L_1$
Cluster 1	Node 0	Х	Lo	NA	NA	NA	NA
	Node 1	$L_0$	X	L <sub>1</sub>	Х	$L_2$	L <sub>2</sub>
Cluster 2	Node 0	Х	Lo	NA	NA	NA	NA
	Node 1	$L_0$	X	L <sub>2</sub>	L <sub>2</sub>	х	Lı
Cluster 3	Node 0	Х	$L_0$	NA	NA	NA	NA
	Node 1	$L_0$	X	L <sub>2</sub>	L <sub>2</sub>	Lı	Х

Fig. 6B

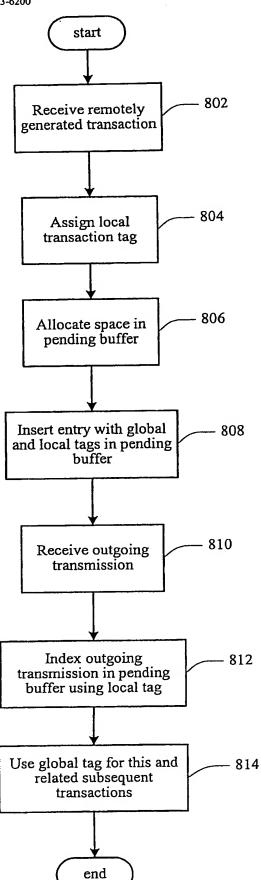
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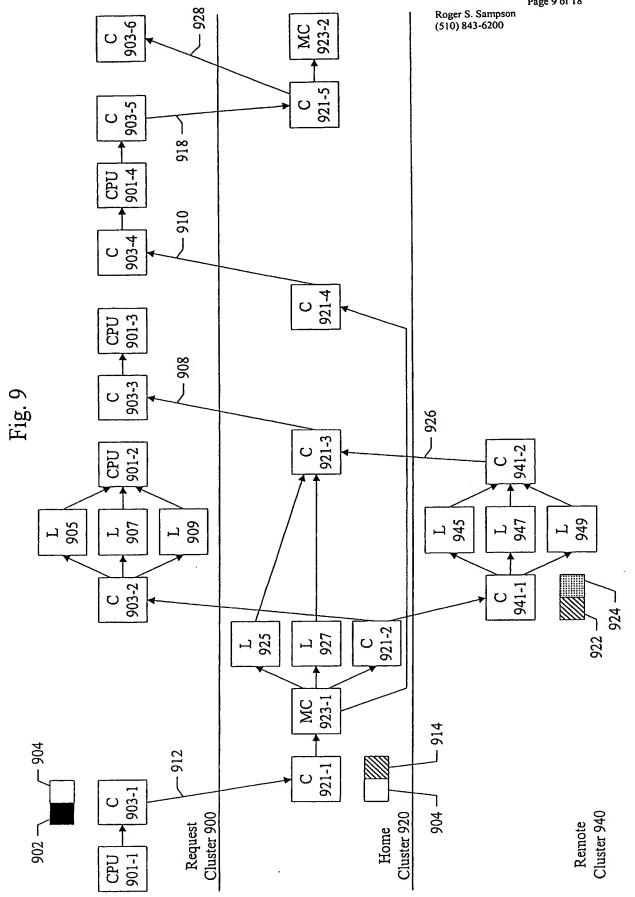


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Roger S. Sampson (510) 843-6200

Fig. 8





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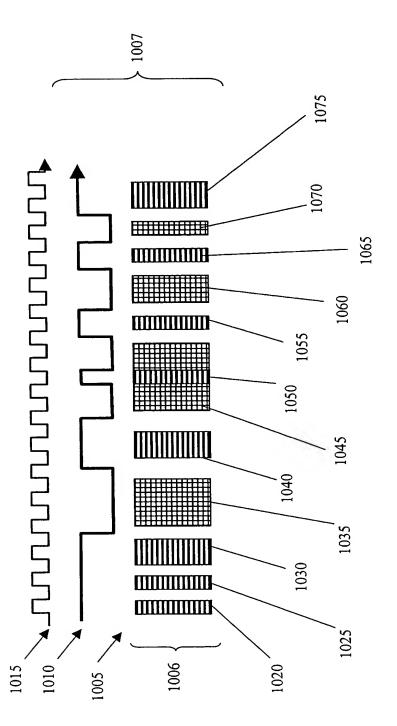


Fig. 10

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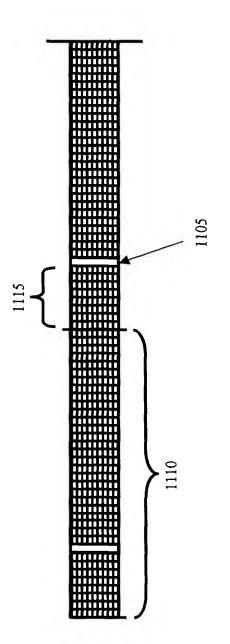


Fig. 114

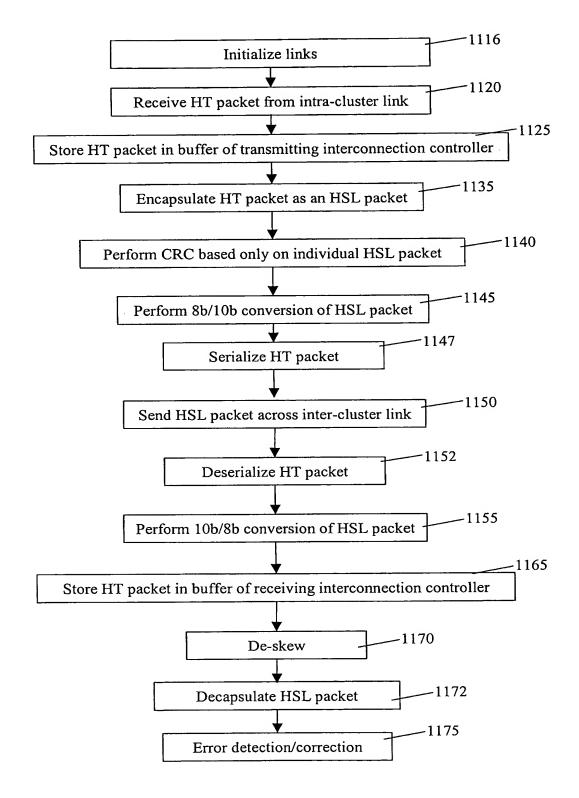
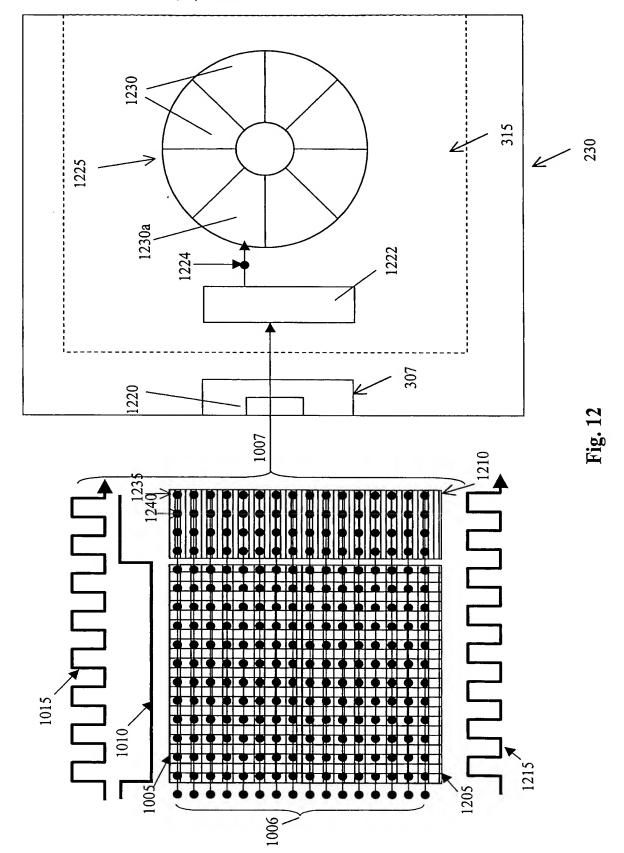


Fig. 11B

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32b	32 b	6b	2b	12b	12b
HT packet	ACK/NACK packet	SeqID	PT	Remote	CRC12
				bits	

Fig 13A: Protocol Packet- 32b Control

32b (31:0)	32 b (63:32)	6b	2b	12b	12b
HT packet	HT packet	SeqID	PT	Remote	CRC12
-	•			bits	

Fig 13B: Protocol Packet- 64b Control.

32b	32 b	6b	2b	8b	16b
Data	unused	SeqID	PT	Packet	CRC16
		_		length	

Fig. 13C: Data Packet- 32b.

32b (31:0)	32 b (63:32)	6b	2b	8b	16b
Data	Data	SeqID	PT	Packet	CRC16
		_		length	

Fig. 13D: Data Packet- 64b.

32b (31:0) Data	32 b (63:32) Data	6b SeqID	2b PT	8b Packet length	16 b unused
32b (95:64)	32 b		16b		16b
Data	unused	l	unused		CRC16

Fig 13E: Data Packet- 96b.

32b (31:0)	32 b (63:32)	6b	2b	8b	16 b
Data	Data	SeqID	PT	Packet	unused
				length	
32b (95:64)	32b (127:96)	16b		16b	
Data	Data	unused		CRC16	

Fig 13F: Data Packet- 128b.

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32b (31:0)	32 b (63:32)	6b	2b	8b	16 b
Data	Data	SeqID PT Packet		unused	
				length	
32b (95:64)	32b (127:96)	32 b (159:128)			
Data	Data	Data			
32 b	32 b	16b		16b	
unused	unused	unused		CRC16	

Fig 13G: Data Packet- 160b.

32b (31:0)	32 b (63:32)	6b	2b	8b	16 b
Data	Data	SeqID PT Packet		Packet	unused
			l	length	
32b (95:64)	32b (127:96)	32 b (159:128)			
Data	Data	Data			
32 b (191:160)	32 b	16 b		16b	
Data	unused	unused		CRC16	

Fig 13H: Data Packet- 192b.

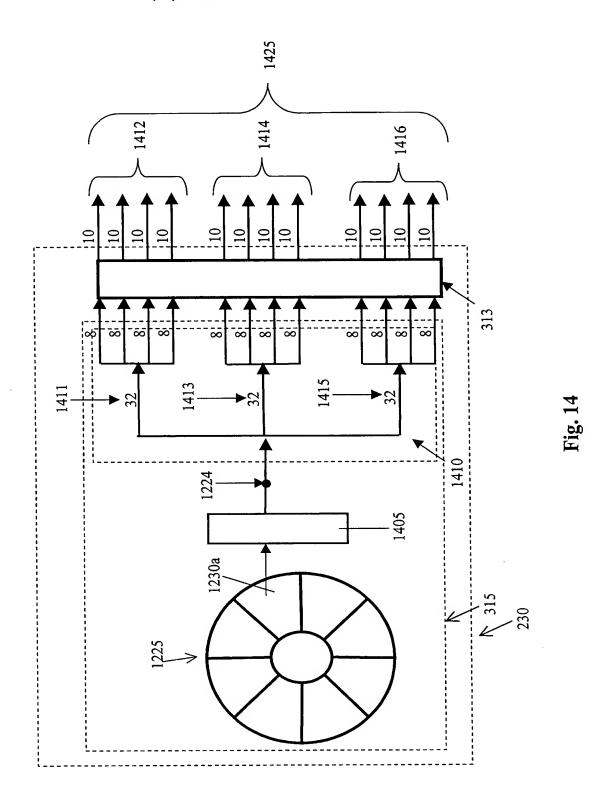
32b (31:0)	32 b (63:32)	6b	2b	8b	16 b
Data	Data	SeqID	PT	Packet	unused
				length	
32b (95:64)	32b (127:96)		32	b (159:12	28)
Data	Data			Data	
32b (191:160)	32b (223:192)	32 b (255:224)			
Data	Data	Data			
32b (303:272)	32b (335:304)	32 b (367:336)			36)
Data	Data	Data			
32b (383:368)	32b (415:384)	32 b (447:416)			16)
Data	Data	Data			
32b (479:448)	32b (511:480)	16 b			16b
Data	Data	unused			CRC16

Fig 13I: Data Packet- 512b.

Command	8b Rsv	8b Rsv	1b Rsv	SeqID	1b
					Valid

Fig 13J: ACK/NACK Packet Format.

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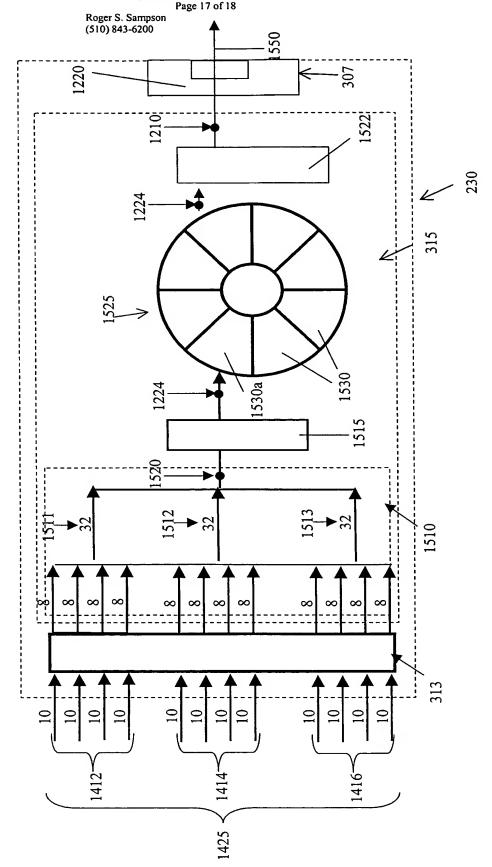


Fig. 15

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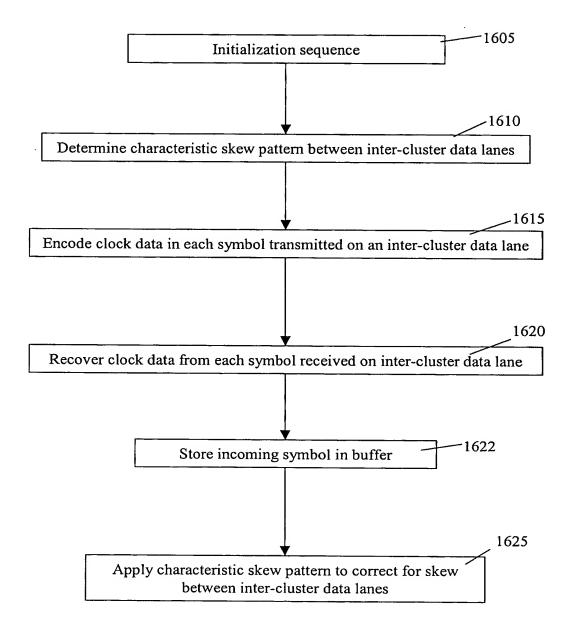


Fig. 16